

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010422\
 Data File : VD071603.D
 Acq On : 04 Jan 2022 19:53
 Operator : VA/SY
 Sample : VD0104SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0104SBS02

Quant Time: Jan 05 01:31:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 01/05/2022
 Supervised By : Mahesh Dadoda 01/05/2022

Supervised By : Mahesh
 Dadoda
 01/05/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	01/05/2022
Internal Standards							01/05/2022
1) Pentafluorobenzene	7.979	168	249319	50.000	ug/l	0.00	Supervised By :Mahesh Gadoda
34) 1,4-Difluorobenzene	8.861	114	445952	50.000	ug/l	0.00	
63) Chlorobenzene-d5	11.637	117	433309	50.000	ug/l	0.00	
72) 1,4-Dichlorobenzene-d4	13.567	152	214594	50.000	ug/l	0.00	
System Monitoring Compounds							01/05/2022
33) 1,2-Dichloroethane-d4	8.326	65	174205	52.611	ug/l	0.00	
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.220%		
35) Dibromofluoromethane	7.914	113	150540	50.228	ug/l	0.00	
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.460%		
50) Toluene-d8	10.338	98	554321	48.941	ug/l	0.00	
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.880%		
62) 4-Bromofluorobenzene	12.626	95	203176	50.481	ug/l	0.00	
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.960%		
Target Compounds						Qvalue	
2) Dichlorodifluoromethane	1.991	85	48475	18.555	ug/l	96	
3) Chloromethane	2.214	50	67847	20.282	ug/l	97	
4) Vinyl Chloride	2.350	62	72817	18.164	ug/l	97	
5) Bromomethane	2.767	94	58359	20.810	ug/l	94	
6) Chloroethane	2.926	64	53512	20.114	ug/l	90	
7) Trichlorofluoromethane	3.279	101	99955	20.368	ug/l	99	
8) Diethyl Ether	3.714	74	28219	20.086	ug/l	87	
9) 1,1,2-Trichlorotrifluo...	4.103	101	57256	20.054	ug/l	95	
10) Methyl Iodide	4.308	142	45616	16.429	ug/l #	82	
11) Tert butyl alcohol	5.220	59	15766	30.038	ug/l #	89	
12) 1,1-Dichloroethene	4.073	96	48264	18.581	ug/l #	79	
13) Acrolein	3.920	56	11088	69.321	ug/l	94	
14) Allyl chloride	4.720	41	99681	20.289	ug/l #	77	
15) Acrylonitrile	5.420	53	74412	107.550	ug/l	98	
16) Acetone	4.161	43	78717	94.646	ug/l #	87	
17) Carbon Disulfide	4.414	76	138328	16.344	ug/l	99	
18) Methyl Acetate	4.720	43	62328	24.280	ug/l	93	
19) Methyl tert-butyl Ether	5.485	73	135389	20.191	ug/l	94	
20) Methylene Chloride	4.967	84	101442	29.443	ug/l	89	
21) trans-1,2-Dichloroethene	5.473	96	56290	18.710	ug/l	87	
22) Diisopropyl ether	6.361	45	223847	22.381	ug/l	90	
23) Vinyl Acetate	6.308	43	515065	99.897	ug/l	97	
24) 1,1-Dichloroethane	6.261	63	125719	21.926	ug/l	99	
25) 2-Butanone	7.214	43	101907	102.582	ug/l #	89	
26) 2,2-Dichloropropane	7.202	77	94727	20.107	ug/l	97	
27) cis-1,2-Dichloroethene	7.214	96	72978	21.931	ug/l	91	
28) Bromochloromethane	7.549	49	53364	22.712	ug/l	86	
29) Tetrahydrofuran	7.561	42	60543	101.503	ug/l	92	
30) Chloroform	7.708	83	129304	22.350	ug/l	99	
31) Cyclohexane	7.985	56	100037	17.785	ug/l	90	
32) 1,1,1-Trichloroethane	7.902	97	110537	21.543	ug/l #	93	
36) 1,1-Dichloropropene	8.114	75	91205	19.047	ug/l	98	
37) Ethyl Acetate	7.297	43	41098	18.591	ug/l	96	
38) Carbon Tetrachloride	8.097	117	92891	19.663	ug/l	94	
39) Methylcyclohexane	9.355	83	96212	17.165	ug/l	93	
40) Benzene	8.349	78	257299	19.988	ug/l	95	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	29216m	22.250	ug/l	
42) 1,2-Dichloroethane	8.426	62	87562	20.860	ug/l	
43) Isopropyl Acetate	8.455	43	86186	19.646	ug/l #	89
44) Trichloroethene	9.108	130	66788	19.910	ug/l	96
45) 1,2-Dichloropropane	9.385	63	71418	21.381	ug/l	98
46) Dibromomethane	9.473	93	37023	20.063	ug/l	92
47) Bromodichloromethane	9.661	83	100719	21.497	ug/l #	97
48) Methyl methacrylate	9.449	41	43921	20.232	ug/l #	84
49) 1,4-Dioxane	9.461	88	7597	364.305	ug/l	95
51) 4-Methyl-2-Pentanone	10.226	43	232120	100.569	ug/l	89
52) Toluene	10.396	92	164350	20.099	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	86793	19.838	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	103312	20.435	ug/l #	81
55) 1,1,2-Trichloroethane	10.796	97	49425	21.100	ug/l	95
56) Ethyl methacrylate	10.655	69	62235	20.190	ug/l #	70
57) 1,3-Dichloropropane	10.943	76	90517	21.097	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	151652	102.709	ug/l	99
59) 2-Hexanone	10.979	43	162285	99.473	ug/l	85
60) Dibromochloromethane	11.138	129	65297	22.176	ug/l	100
61) 1,2-Dibromoethane	11.243	107	47992	20.686	ug/l	99
64) Tetrachloroethene	10.873	164	55208	18.335	ug/l	96
65) Chlorobenzene	11.667	112	180105	20.263	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	69151	21.297	ug/l	96
67) Ethyl Benzene	11.738	91	332727	20.115	ug/l	97
68) m/p-Xylenes	11.849	106	247364	39.362	ug/l	93
69) o-Xylene	12.173	106	116332	20.251	ug/l	93
70) Styrene	12.190	104	196475	19.688	ug/l	93
71) Bromoform	12.355	173	34814	19.814	ug/l #	99
73) Isopropylbenzene	12.473	105	317857	19.213	ug/l	99
74) N-amyl acetate	12.279	43	81323	18.321	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.720	83	79438	26.558	ug/l	82
76) 1,2,3-Trichloropropane	12.773	75	51112m	20.046	ug/l	
77) Bromobenzene	12.755	156	71148	19.326	ug/l	94
78) n-propylbenzene	12.814	91	408434	19.696	ug/l	99
79) 2-Chlorotoluene	12.896	91	226934	19.581	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	270158	19.797	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	15511	17.189	ug/l #	70
82) 4-Chlorotoluene	12.996	91	241728	20.108	ug/l	100
83) tert-Butylbenzene	13.214	119	226291	19.406	ug/l	92
84) 1,2,4-Trimethylbenzene	13.261	105	268274	19.864	ug/l	98
85) sec-Butylbenzene	13.390	105	345761	19.450	ug/l	99
86) p-Isopropyltoluene	13.508	119	290990	19.728	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	143389	19.340	ug/l	98
88) 1,4-Dichlorobenzene	13.584	146	143077	19.681	ug/l	97
89) n-Butylbenzene	13.832	91	294428	20.337	ug/l	98
90) Hexachloroethane	14.102	117	57967	20.745	ug/l	89
91) 1,2-Dichlorobenzene	13.879	146	126003	20.025	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.496	75	9847	18.983	ug/l	93
93) 1,2,4-Trichlorobenzene	15.149	180	75671	19.734	ug/l	98
94) Hexachlorobutadiene	15.255	225	40470	19.702	ug/l	98
95) Naphthalene	15.384	128	146433	20.063	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	66240	19.973	ug/l	97

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

